

OPINION 1044

LORICA H. AND A. ADAMS, 1852 (MOLLUSCA,
POLYPLACOPHORA): PLACED ON THE OFFICIAL LIST OF
GENERIC NAMES

RULING.—(1) The generic name *Lorica* H. and A. Adams, 1852 (gender: feminine), type-species by monotypy, *Chiton cimolius* Reeve, 1847, is hereby placed on the Official List of Generic Names in Zoology with the Name Number 2018.

(2) The specific name *cimolius* Reeve, 1847, as published in the binomen *Chiton cimolius*, is hereby placed on the Official List of Specific Names in Zoology with the Name Number 2560.

(3) The generic name *Lorica* Anon., 1844, an incorrect subsequent spelling of *Loricula* G. B. Sowerby II, 1844, is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology with the Name Number 2063.

HISTORY OF THE CASE (Z.N.(S.) 1902)

The present case was submitted to the office of the Commission by Dr. A. G. Beu in July 1969. The application was sent to the printer on 20 September 1972 and was published on 29 December 1972 in *Bull. zool. Nom.* 29 : 204–205. Public Notice of the possible use of the plenary powers was not necessary in this case. The application was supported by Allyn G. Smith (California Academy of Sciences).

Dr. Ride in a letter to the Secretary, said "There must be some doubt as to whether *Lorica pulchella* Anon. [? Bronn] equals *Lorica pulchella*, 1843 (para. 5 of application, "presumably *Loricula pulchella* Sowerby, 1843") therefore it cannot be regarded with certainty as a 'change in the spelling of a name' (Art. 33b). If the Commission agrees to place *Lorica* H. and A. Adams on the Official List, it would be well to put the matter beyond doubt by declaring its interpretation that *Lorica* Anon., 1844, is an incorrect subsequent spelling and by adding that name to the appropriate Official Index."

Mr. Melville investigated the situation and reported: "Fortunately the facts leave no room for doubt or interpretation. In 1843 (*Ann. Mag. nat. Hist.* 12 : 260–261), G. B. Sowerby II described, and illustrated with two woodcuts, the cirripede *Loricula pulchella* from the Upper Chalk near Rochester, Kent. His text (which was a letter to N. T. Wetherell, sent on with a covering note by Wetherell to the Editors of the *Ann. Mag.*) consists of a brief general description of the fossil and of the illustrations, followed by a detailed Latin diagnosis under the heading of the name *Loricula pulchella*, and concludes with some general discussion. In 1844 (*Neues Jahrb. Min. Geogn. Geol. Petref.-Kunde, Jahrg 1844* : 384) an anonymous contributor reports Sowerby's paper: between a précis of the first and third parts, he quotes (under the side-heading *Lorica pulchella*), Sowerby's Latin diagnosis verbatim. It is thus perfectly clear that *Lorica* Anon., 1844, is an erroneous subsequent spelling of *Loricula* G. B. Sowerby II, 1843, and that it can be placed on the Official Index of

Rejected and Invalid Names in Zoology. This proposal is therefore added to those in Dr. Beu's application."

DECISION OF THE COMMISSION

On 8 November 1974 the Members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (74)17 either for or against the proposals set out in *Bull. zool. Nom.* 29 : 204-205, together with that to place *Lorica* Anon., 1844 on the Official Index of Rejected and Invalid Generic Names in Zoology. At the close of the voting period on 8 February 1975 the state of the voting was as follows:

Affirmative votes—twenty-one (21), received in the following order: Melville, Vokes, Holthuis, Simpson, Alvarado, Willink, Eisenmann, Rohden-dorf, Mayr, Sabrosky, Tortonese, Dupuis, Starobogatov, Heppell, Binder, Bayer, Corliss, Nye, Ride, Bernardi, Habe

Negative votes—none (0)

On Leave of Absence—one (1): Brinck

Late affirmative votes—two (2): Erben, Lemche

Voting Papers not returned—two (2): Kraus, Munroe.

The following comments were made by Commissioners in returning their voting papers:

Prof. E. Tortonese (4.i.1975): "I agree with Secretary's proposal in his accompanying note."

Dr. C. Dupuis (21.i.1975): "Les faits paraissent clairs y compris étymologiquement. *Lorica* = cuirasse = Chiton; *Loricula*—rempart peu élevé = Balane."

Mr. D. Heppell (17.i.1975): "The exposition of the case by Beu, with the additional comments of Ride and Melville, show conclusively that no use of *Lorica* before 1852 is available. As no special status is at present accorded to names placed on the Official List without invoking the plenary powers, the same result is reached whether the Commission votes for or against Beu's proposals."

ORIGINAL REFERENCES

The following are the original references for names placed on Official Lists by the Ruling given in the present Opinion:

cimolius, *Chiton*, Reeve, 1847, *Conchologia Iconica* London, Vol. 4, *Chiton*, no. 141, May 1847

Lorica H. and A. Adams, 1852, *Ann. Mag. nat. Hist.* (Ser. 2) 9 : 355

CERTIFICATE

I certify that the votes cast on Voting Paper (74)17 were cast as set out above, that the proposals contained in that Voting Paper have been duly adopted, and that the decision so taken, being the decision of the International Commission, is truly recorded in this present Opinion No. 1044.

R. V. MELVILLE, *Secretary*
International Commission on Zoological Nomenclature
London, 7 July 1975